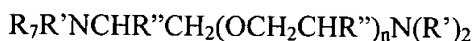


IN THE CLAIMS:

Please cancel claims 1-26 and 28-31.

Please enter the following rewritten claims. A marked up version of the rewritten claims, and a clean version of all pending claims are attached at the end of this document.

-
27. (Amended) The composition of claim 46, wherein the polyglycolpolyamine has the structure:



wherein R_7 is H, CH_3 , or $-[R'NCHR''CH_2(OCH_2CHR'')_nNR']_m-R'$;

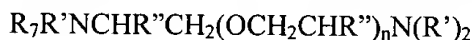
wherein R' is H or CH_3 ;

wherein R'' is H or CH_3 ;

wherein n is 2 to 99; and

wherein m is 0 to 99.

-
41. (Amended) The method of claim 32, wherein the polyglycolpolyamine has the structure:



wherein R_7 is H, CH_3 , or $-[R'NCHR''CH_2(OCH_2CHR'')_nNR']_m-R'$;

wherein R' is H or CH_3 ;

wherein R'' is H or CH_3 ;

wherein n is 2 to 99; and

wherein m is 0 to 99.

42. (Amended) The method of claim 56, wherein the gas hydrate controller is from about 0.01 to about 5% by weight of the water in the fracturing fluid.
43. (Amended) The method of claim 56, wherein the gas hydrate controller is from about 0.05 to about 1% by weight of the water in the fracturing fluid.
44. (Amended) The method of claim 56, wherein the gas hydrate controller is from about 0.03 to about 0.75% by weight of the water in the fracturing fluid.

Please add the following new claims:

45. (Added) A well service composition comprising:

a fracturing fluid comprising an aqueous fluid, a water-soluble polymer, and a cross-linking agent; and

a gas hydrate controller; wherein:

the cross-linking agent is boric acid, organoborate, boric oxide, alkali metal borate, alkaline earth metal borate, or a mixture thereof; and

the gas hydrate controller is in an amount effective to control the formation of gas hydrates.

46. (Added) A well service composition comprising:

a fracturing fluid; and

a gas hydrate controller, wherein:

the gas hydrate controller is a polyglycolpolyamine; and

the gas hydrate controller is in an amount effective to control the formation of gas hydrates.

47. (Added) The composition of claim 46, wherein the gas hydrate controller further comprises a second polymer capable of controlling or minimizing the formation of gas hydrates.

48. (Added) The composition of claim 47, wherein the second polymer is a homopolymer or copolymer of N, N-dialkylaminoethylmethacrylates or a mixture thereof.

49. (Added) The composition of claim 47, wherein the second polymer is a homopolymer or copolymer of N-vinyl-N-alkyl amides or a mixture thereof.

50. (Added) The composition of claim 47, wherein the second polymer is a homopolymer or copolymer of N-vinyl lactams or a mixture thereof.

51. (Added) The composition of claim 47, wherein the second polymer is a homopolymer or copolymer of N-methyl-N-vinylacetamide / lactams or a mixture thereof.

52. (Added) The composition of claim 47, wherein the second polymer is a homopolymer or copolymer of N-acyl substituted polyalkeneimines or a mixture thereof.

53. (Added) The composition of claim 46, wherein the polyglycolpolyamine is a polycondensation product of a reaction between a polyoxyalkylene glycol and a polyamine.

54. (Added) A well service composition, comprising:

a water-based fracturing fluid; and